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**Reeder et al.**

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(54) **INTEGRATED ELECTRONIC SHOWER SYSTEM**

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See application file for complete search history.

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(57) **ABSTRACT**

An integrated bathroom electronic system including a plu-  
rality of sensors to detect conditions within a bathroom and  
to provide signals indicative thereof to a controller. A  
plurality of distinct and exclusive modules or subsystems are  
illustratively provided for integration into the system. Such  
modules may include a quick hot water module, a roman tub  
module, a custom shower module, a hands free faucet  
module, and a tub shower module. In certain illustrative  
shower modules, a user interface includes a plurality of user  
defined presets, each preset including a shower setting  
stored in memory.

**14 Claims, 88 Drawing Sheets**

